

## INTERNATIONAL SEARCH REPORT

Inte	al Application No
PCT/IB2004/052642	

A. CLASSIFICATION OF SUBJECT MATTER
-------------------------------------

IPC 7 G08C19/28 H04B1/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
--------------------

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G08C H04B H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT
--

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 061 490 A (UNIVERSAL ELECTRONICS, INC) 20 December 2000 (2000-12-20) paragraph '0002! – paragraph '0012! paragraph '0032! paragraph '0038!; figure 8b paragraph '0062! – paragraph '0063! -----	1-13
X	US 2003/141987 A1 (HAYES PATRICK H) 31 July 2003 (2003-07-31) paragraph '0055!; figure 10b paragraph '0080! – paragraph '0085! -----	14
X	WO 00/17738 A (KONINKLIJKE PHILIPS ELECTRONICS N.V) 30 March 2000 (2000-03-30) abstract page 5, line 8 – page 9, line 28 -----	14

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

16 February 2005

Date of mailing of the International search report

23/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL – 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Baas, G

BEST AVAILABLE COPY

# INTERNATIONAL SEARCH REPORT

Intel

Application No  
PCT/IB2004/052642

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
EP 1061490	A 20-12-2000	US	6781518	B1	24-08-2004
		AU	771204	B2	18-03-2004
		AU	5461100	A	02-01-2001
		BR	0011661	A	26-03-2002
		CA	2311794	A1	16-12-2000
		EP	1061490	A2	20-12-2000
		WO	0077759	A1	21-12-2000
		US	2003189509	A1	09-10-2003
		US	6784804	B1	31-08-2004
		US	2003141987	A1	31-07-2003
		US	2004070491	A1	15-04-2004
		US	2005024226	A1	03-02-2005
US 2003141987	A1 31-07-2003	US	2003189509	A1	09-10-2003
		US	6781518	B1	24-08-2004
		CA	2483795	A1	04-12-2003
		EP	1506459	A2	16-02-2005
		WO	03100534	A2	04-12-2003
		CA	2483833	A1	04-12-2003
		WO	03100553	A2	04-12-2003
		US	2004070491	A1	15-04-2004
		AU	6985101	A	30-01-2002
		BR	0112485	A	01-07-2003
		CA	2352932	A1	13-01-2002
		EP	1198069	A1	17-04-2002
		WO	0207122	A2	24-01-2002
		US	2003151538	A1	14-08-2003
		AU	771204	B2	18-03-2004
		AU	5461100	A	02-01-2001
		BR	0011661	A	26-03-2002
		CA	2311794	A1	16-12-2000
		EP	1061490	A2	20-12-2000
		WO	0077759	A1	21-12-2000
		US	6784804	B1	31-08-2004
		US	2005024226	A1	03-02-2005
WO 0017738	A 30-03-2000	BR	9906952	A	03-10-2000
		CN	1288539	T	21-03-2001
		CN	1288540	T	21-03-2001
		CN	1294800	T	09-05-2001
		DE	69915588	D1	22-04-2004
		DE	69915588	T2	03-02-2005
		WO	0017737	A1	30-03-2000
		WO	0017738	A1	30-03-2000
		WO	0018070	A1	30-03-2000
		WO	0017789	A1	30-03-2000
		EP	1044400	A1	18-10-2000
		EP	1046261	A1	25-10-2000
		EP	1046097	A1	25-10-2000
		EP	1044422	A1	18-10-2000
		JP	2002525942	T	13-08-2002
		JP	2002525739	T	13-08-2002
		JP	2002525756	T	13-08-2002
		TW	561744	B	11-11-2003

BEST AVAILABLE COPY